

Who is submitting this request?

Aggregator

Aggregator Batch Number

KN0215

Aggregator name

Knollwood Energy

Aggregator Email

linda@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Owner Name

Richard Dudley

Owner Prefix

Mr.

Facility Owner email

cmdudley@comcast.net

Owner Phone

603-743-3350

Facility Address

193 Watson Rd

Facility Town/City

Dover

Facility State

NH

Facility Zip

03820

Is the facility address the same as the owner's mailing address

- ☒ Yes  
☐ No

Mailing Address

Mailing Town/City

Mailing State

Mailing Zip

Primary Contact (who should we call with questions)

Contact Phone

Other Email Address

Facility Information

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Class

Utility

Other Utility Name

Date of Utility Signoff

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

57146

Facility Operator Name, if applicable

Panel Quantity

24

Panel Make

Solarworld

Panel Model

SW 285

Panel Rated Output

285

System capacity based on panels

6.8400

Inverter Quantity

24

Inverter Make

Enphase Energy

Additional Inverter

Rated Output

250

System capacity based on inverters

6.00

System capacity in mW as stated on the interconnection agreement

6.0

Revenue Grade Meter Make

GE

Was this facility installed directly by the customer (no electrician involved)?

- ☐ Yes  
☒ No

Date of Electrician Signoff

Sign-off Electrician's License Number

Installation Company

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Independent Monitor Name

Monitor Company Name

Monitor Company Name

Monitor Company Name

Monitor Company Name

Other Monitor Company Name

Is the installer also the equipment vendor?

- ☒ Yes  
☐ No

Equipment Vendor

Please attach your completed interconnection agreement including Exhibit B.

[https://fs30.formsite.com/jan1947/files/f-5-99-5790797\\_kYAuKZNg\\_Dudley\\_SPIA.pdf](https://fs30.formsite.com/jan1947/files/f-5-99-5790797_kYAuKZNg_Dudley_SPIA.pdf)

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

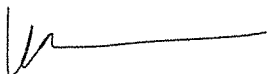
[https://fs30.formsite.com/jan1947/files/f-5-168-5790797\\_RCgpiF8w\\_Dudley\\_NHOS.pdf](https://fs30.formsite.com/jan1947/files/f-5-168-5790797_RCgpiF8w_Dudley_NHOS.pdf)

Please attach additional document here

[https://fs30.formsite.com/jan1947/files/f-5-173-5790797\\_Usq4PVpj\\_Dudley\\_COC.pdf](https://fs30.formsite.com/jan1947/files/f-5-173-5790797_Usq4PVpj_Dudley_COC.pdf)

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Linda Modica

Date Signed

12/31/2015

RECEIVED

MAY 29 2015

EVERSOURCE  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA  
Simplified Process Interconnection Application and Service Agreement

SESD

Eversource Application Project ID#: N 3513**Contact Information:**

Legal Name and Address of Interconnecting Customer (or, Company name, if appropriate)

Customer or Company Name (print): Richard Dudley

Contact Person, if Company: \_\_\_\_\_

Mailing Address: 193 Watson RdCity: Dover State: NH Zip Code: 03820Telephone (Daytime): 603-743-3350 (Evening): SameFacsimile Number: N/A E-Mail Address: cmdudley@comcast.net**Alternative Contact Information** (e.g., System installation contractor or coordinating company, if appropriate):Name: Kelly Smith w/ ETE SolarMailing Address: 32 Tyler LaneCity: Berwick State: ME Zip Code: 03901Telephone (Daytime): 207-251-6332 (Evening): \_\_\_\_\_Facsimile Number: N/A E-Mail Address: kelly.smith@etesolar.com**Electrical Contractor Contact Information** (if appropriate):Name: Tim CongramMailing Address: 723 Strafford RdCity: Strafford State: NH Zip Code: 03884Telephone (Daytime): 603-335-2647 (Evening): SameFacsimile Number: N/A E-Mail Address: tecelectric@metrocast.net**Facility Site Information:**Facility (Site) Address: 193 Watson Rd ✓City: Dover State: NH Zip Code: 03820

Electric

Service Company: Eversource Account Number: 56640490033 ✓ Meter Number: D99466799 ✓

Account and Meter Number: Please consult an actual Eversource electric bill and enter the correct Account Number and Meter Number on this application. If the facility is to be installed in a new location, please provide the Eversource Work Request number.

Eversource Work Request # \_\_\_\_\_

**Non-Default\* Service Customers Only:**

Competitive Electric

Energy Supply Company: \_\_\_\_\_ Account Number: \_\_\_\_\_

(Customer's with a Competitive Energy Supply Company should verify the Terms &amp; Conditions of their contract with their Energy Supply Company.)

EVERSOURCE  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA  
Simplified Process Interconnection Application and Service Agreement

**Facility Machine Information:**

Generator/ Inverter Manufacturer: Enphase ✓ Model Name & Number: M250 ✓ Quantity: 24 ✓  
Nameplate Rating: 0.250 ✓ (kW) 0.250 (kVA) 240 (AC Volts) Phase: Single ☒ Three ☐  
*Nameplate Rating: The AC Nameplate rating of the individual inverter.*  
System Design Capacity: 6.0 ✓ (kW) \_\_\_\_\_ (kVA) Battery Backup: Yes ☐ No ☒  
*System Design Capacity: The system total of the inverter AC ratings. If there are multiple inverters installed in the system, this is the sum of the AC nameplate ratings of all inverters.*  
Net Metering: If Renewably Fueled, will the account be Net Metered? Yes ☒ No ☐  
Prime Mover: Photovoltaic ☒ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☐ Other \_\_\_\_\_  
✓ Energy Source: Solar ☒ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☐ Other \_\_\_\_\_

**Inverter-based Generating Facilities:**

UL 1741 / IEEE 1547.1 Compliant (Refer To Part Puc 906 Compliance Path For Inverter Units, Part Puc 906.01 Inverter Requirements)  
Yes ☒ No ☐  
✓ The standard UL 1741.1 dated May, 2007 or later, "Inverters, Converters, and Controllers for Use With Independent Power Systems," addresses the electrical interconnection design of various forms of generating equipment. Many manufacturers choose to submit their equipment to a Nationally Recognized Testing Laboratory (NRTL) that verifies compliance with UL 1741.1. This term "Listed" is then marked on the equipment and supporting documentation. *Please include, any documentation provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing.*

**External Manual Disconnect Switch:**

An External Manual Disconnect Switch shall be installed in accordance with 'Part Puc 905 Technical Requirements For Interconnections For Facilities, Puc 905.01 Requirements For Disconnect Switches and 905.02 Disconnect Switch.'  
✓ Yes ☐ No ☒  
Location of External Manual Disconnect Switch: \_\_\_\_\_

Project Estimated Install Date: June 2015

Project Estimated In-Service Date: June 2015

**Interconnecting Customer Signature:**

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the **Terms and Conditions for Simplified Process Interconnections** attached hereto:

Customer Signature: Richard L. Dudley  
Richard L. Dudley (May 28, 2015) Title: Owner Date: 5/28/2015

*Please include a one-line and/or three-line diagram of proposed installation. Diagram must indicate the generator connection point in relation to the customer service panel and the Eversource meter socket. Applications without such a diagram may be returned.*

**For Eversource Use Only**

Approval to Install Facility:

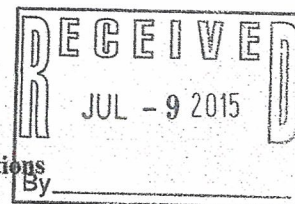
Installation of the Facility is approved contingent upon the Terms and Conditions For Simplified Process Interconnections of this Agreement, and agreement to any system modifications, if required.

Are system modifications required? Yes ☐ No ☒ To be Determined ☐

Company Signature: Michael W. Potter Title: SR. ENGINEER Date: 6/1/15



Eversource  
Interconnection Standards For Inverters Sized Up To 100 kVA  
**Exhibit B - Certificate of Completion for Simplified Process Interconnections**



**Installation Information:** ☐ Check if owner-installed

Customer or Company Name (print): Richard Dudley

Contact Person, if Company: \_\_\_\_\_

Mailing Address: 193 Watson Rd

City: Dover State: NH Zip Code: 03820

Telephone (Daytime): 603-743-3350 (Evening): Same

Facsimile Number: \_\_\_\_\_ E-Mail Address: cmdudley@comcast.net

**Facility Information:** → Eversource Meter # D99466799

Address of Facility (if different from above): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**Electrical Contractor Contact Information:**

Electrical Contractor's Name (if appropriate): Tim Congram

Mailing Address: 723 Strafford Rd

City: Strafford State: NH Zip Code: 03884

Telephone (Daytime): 603-335-2647 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: tecelectric@metrocast.net

License number: M7985

Date of approval to install Facility granted by the Company: 6/1/15

Eversource Application ID number: #N 3513

**Inspection:**

The system has been installed and inspected in compliance with the local Building/Electrical Code of:

City: DOVER NH County: STRAFFORD

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection):

Signature: \_\_\_\_\_

Name (printed): JAMES H. MACFARLANE Date: 7/2/15

**Customer Certification:**

I hereby certify that, to the best of my knowledge, all information contained in this Exhibit B - Certification of Completion is true and correct. This system has been installed and shall be operated in compliance with applicable standards. Also, the initial start-up test required by Puc. 905.04 has been successfully completed.

**Please remember to provide digital photos of the installation, including the AC disconnect switch (if required), the existing Eversource meter, the inverters, and the point of electrical interconnection.**

Customer Signature: Richard & Doris

As a condition of interconnection you are required to send/fax a copy of this form to:

Eversource  
Distributed Generation  
780 North Commercial Street  
P. O. Box 330, Manchester, NH 03105-0330  
Fax No.: (603) 634-2924



## New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

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A copy of the facility's interconnection agreement is attached.

Constance M Dudley

\_\_\_\_\_  
Printed Name of signature owner

Constance M Dudley  
Constance M Dudley (Sep 30, 2015)

\_\_\_\_\_  
Signature of system owner

Constance M Dudley  
Constance M Dudley (Sep 30, 2015)